

IPW 1632  
18810-81606

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Date Mailed: May 18, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Readhead et al.  
Serial No. 10/054,365  
Filed: November 12, 2001  
For: TRANSFECTION, STORAGE AND TRANSFER OF  
MALE GERM CELLS FOR GENERATION OF  
TRANSGENIC SPECIES  
Examiner: Voitach, Joseph T.  
Confirmation No.: 9234  
Unit: 1632

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS	
Alexandria, Virginia 22313-11450, ON	May 18, 2004
BY	DATE
CHRISTINA TONG	
	May 18, 2004
	(DATE OF SIGNATURE)

Dear Sir or Madam:

Applicants' attorney submits herewith the full text of references  
(see, PTO Form 1449 attached) of which he is aware, that he believes may be  
material to the examination of this application and in respect of which there may  
be a duty to disclose in accordance with 37 CFR 1.56. The filing of this  
Information Disclosure Statement is after a first Office Action on the merits.

The filing of this information disclosure statement shall not be  
construed as a representation that a search has been made (37 CFR 1.97(g)),  
an admission that the information cited is, or is considered to be, material to  
patentability or that no other material information exists (37 CFR 1.97(h)).

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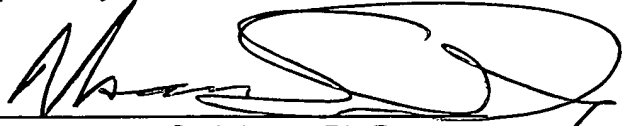
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Further, the filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

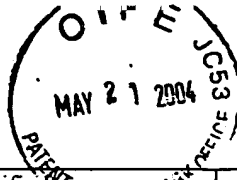
It is believed that this information disclosure statement is being filed after the mailing of a first office action on the merits. The Commissioner is hereby authorized to charge \$180.00 or any fee required or credit overpayments under 37 C.F.R. 1.16 or C.F.R. 1.17 to Deposit Account No. 50-1597.

Respectfully submitted,

By:

  
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Registration No. 40,345

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FORM PTO-1449 (Modified) List of Patents and Publications for Applicants Information Disclosure Statement	ATTY DOCKET NO. 18810-81606	SERIAL NO. 10/054,365
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4 6 6 3 2 8 1	05/05/87	Gillies et al.			
	4 7 6 2 7 0 1	08/09/88	Horan et al.			
	4 8 7 0 0 0 9	09/26/89	Evans et al.			
	4 9 5 9 3 1 3	09/25/90	Taketo			
	4 9 7 8 3 3 2	12/18/90	Luck et al.			
	5 1 7 5 3 8 4	12/29/92	Krimpenfort et al.			
	5 2 0 6 1 4 3	04/27/93	Horan et al.			
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	5 3 7 5 6 0 6	12/27/94	Slezak et al.			
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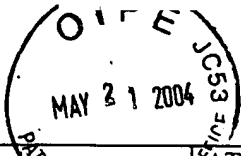
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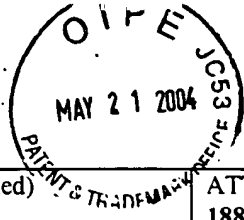
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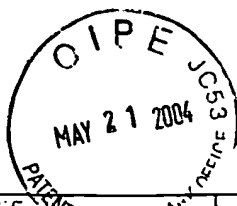
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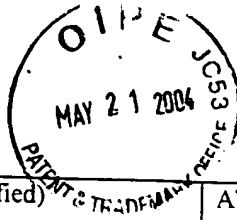
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39.		Ono T. et al., <i>Transfer of male or female primordial germ cells</i>
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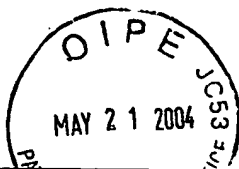
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53.	PCT International Search Report re PCT/US98/24238, International Filing Date: 13/11/1998, Priority Date: 14/11/1997.
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FORM PTO-1449 (Modified) List of Patents and Publications for Applicants Information Disclosure Statement	PATENT & TRADEMARK	
	ATTY DOCKET NO. 18810-81606	
	SERIAL NO. 10/054,365	
	APPLICANT: Readhead et al.	
	FILING DATE: November 12, 2001	GROUP ART UNIT 9234

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60.	Hasegawa, M., <i>Resistance of differentiating spermatogonia to radiation-induced apoptosis and loss in p53-deficient mice</i> , Radiat Res, 149(3):263-70, (Mar 1998). ABSTRACT ONLY
61.	Hopkinson, C. R., <i>The effect of local testicular irradiation on testicular histology and plasma hormone levels in the male rat</i> , Acta Endocrinol (Copenh), 87(2):413-23 (Feb 1998). ABSTRACT ONLY.
62.	Jiang, F. X., Anat Embryol, <i>Behaviour of spermatogonia following recovery from busulfan treatment in the rat</i> , 198(1):53-61 (Jul 1998). ABSTRACT ONLY.
63.	Kamtchouing, P., <i>Effect of continuous low-dose gamma-irradiation on rat Sertoli cell function</i> , Reprod Nutr Dev, 28(4B):1009-17 (1988). ABSTRACT ONLY.
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67.	Linder, R. E., <i>Endpoints of spermatotoxicity in the rat after short duration exposures to fourteen reproductive toxicants</i> , Reprod Toxicol, 6(6):491-505 (1992). ABSTRACT ONLY.
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69.	Pinon-Lataillade, G. et al., <i>Continuous gamma-irradiation of rates: dose-rate effect on loss and recovery of spermatogenesis</i> , Strahlentherapie, 161(7):421-6, (Jul 1985). ABSTRACT ONLY.

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70.	Pinon-Lataillade, G. et al., <i>Endocrinological and histological changes induced by continuous low dose gamma-irradiation of the rat testis</i> , Acta Endocrinol (Copenh), 109(4):558-62 (Aug 1985). ABSTRACT ONLY.
71.	Pinon-Lataillade, G. et al., <i>Influence of germ cells upon Sertoli cells during continuous low-dose rate gamma-irradiation of adult rats</i> , Mol Cell Endocrinol, 58(1):51-63, (Jul 1988). ABSTRACT ONLY.
72.	Pinon-Lataillade, G., <i>Effect of an acute exposure of rat testes to gamma rays on germ cells and on Sertoli and Leydig cell functions</i> , Reprod Nutr Dev 31(6):617-29. (1991) ABSTRACT ONLY.
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74.	Announcement re Bulsulfan (Myleran) Facts and Comparisons, pp. 1-5 (Aug 1997).
75.	PCT International Search Report re PCT/US99/10573, International filing Date 13/05/1999, Priority Date: 13/11/1998.
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77.	PCT, International Search Report re PCT/US99/08277, International Filing date 04/15/99; Priority Date 11/13/98
78.	Derwent, XP-002115938
79.	Ikawa, Masahito et al., <i>Green fluorescent protein as a marker in transgenic mice</i> , Develop. Growth Differ., 37, 455-459 (1995), XP-002086829.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
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	5,686,279	11/11/1997	Finer et al.			
	6,271,436 B1	08/07,2001	Piedrahita et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	WO 99/25863 A1	05/27/1999	PCT				
	WO 99/40213 A1	08/12/1999	PCT				
	WO 00/29601 A1	05/25/2000	PCT				
	WO 00/29602 A1	05/25/2000	PCT				
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81.	Sato, M. et al., <i>Direct Injection of Foreign DNA into Mouse Testis As A Possible Alternative of sperm-Mediated Gene Transfer</i> , <u>Animal Biotechnology</u> , Vol. 5, No. 1, pp. 19-31 (1994)
82.	Eck, Stephen L. et al., <i>Gene-Based therapy</i> , <u>Goodman &amp; Gilman's The Pharmacological Basis of Therapeutics, Ninth Edition, Chapt 5, pp. 77-101 (1996)</u>
83.	Verma, Inder M. et al., <i>Gene therapy—promises, problems and prospects</i> , <u>Nature</u> , Vol. 389, (18 September 1997).
84.	Wall, R. J., <i>Transgenic Livestock: Progress and Prospects For The Future</i> , <u>Theriogenology</u> , Vol. 45, pp. 57-68 (1996)
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86.	Maione, Barbara et al., <i>Sperm-Mediated Gene Transfer in Mice</i> , <u>Molecular Reproduction and Development</u> , Vol. 50, pp406-409 (1998).
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